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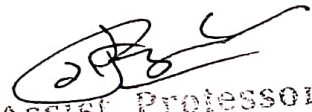
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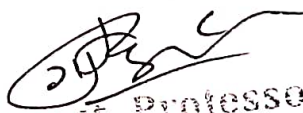
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STUDIES ON AQUATIC INSECTS FROM GHARNI DAM, GHARNI, DIST-LATUR (M.S.) INDIA

R. R. Jadhav

ABSTRACT :

The present investigation deals with the studies on Diversity of Aquatic insects from Gharni dam, Gharni Dist-Latur (M.S.) India. The work was carried out during the year 2019. The diversity of water insects was studied. The species were found during the study period.

INTRODUCTION :

Gharni dam is having water total capacity 22.460 KM³ (5.390 cu mi) is situated in length 956m(3,136ft) and height is 15.24m(50ft). Gharni dam is very well water resource not only for agricultural use but also for aquaculture practices.

Aquatic insects are important group of organisms in freshwater bodies and play an important role in the processing and cycling of nut nets. According to Larnberti Moore (1948), Aquatic insects belongs to several feeding groups i.e. filter feeders, deposit collectors scrapers, shredders and Predators. Aquatic insectors are bioindicators of water pollution Wieder Holm, 1948 : Metcaffe (1989). These insects form a link between the nutritional cycles of aquatic ecosystem. The workers like Sinha and Sinha, Kaushik et al (1990), Pandey et al (1992), Singh (1993). Arvind Kumar (1994), works on seasonal water quality of fresh water bodies.

MATERIAL AND METHODS

The Aquatic insects were collected by insect collecting net made up of nylon cloth having mesh size 40-80 cm². The samples were cleaned and preserved in 5 percent formalin. The identification of insects was done with the help of standard literature of Tonapi (1959), Michael (1973), Macan (1959).

RESULTS AND DISCUSSIONS

The following aquatic insect are found in Gharni dam they are as follows in followin table no I

Table No. I List of Aquatic Insects C.L.

Sr. No	Name of the Aquatic (Insect)	
	Common Name	Scientific Name
1	Back Swimmer	Anisop
2	Dragon fly nymph	-
3	Water Stick Insect	Ranatra
4	Water Boatman	Corixa
5	Olive beetle	Cybister
6	Water bug	Water Scorpion

Near about seven species of Aquatic insects were found during the period of investigation i.e. Back swimmers, Dragon fly nymph, water stick insect, water boatman, olive beetle, water bug etc. These 3 are the harmful to the fishes.

ACKNOWLEDGEMENT

Author is thankful to the local fishermen at dam site for providing insect catching facilities.

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